

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005



weekly statistical bulletin

STATISTICS DEPARTMENT

VOL. 66

For Week Ended November 1, 1985

NO. 44

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)

(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending:	Last Week Ending:	Last Year Week Ending:	Change From Last Week	Change From Last Year
	11/01/85	10/25/85	11/02/84		
<u>Refinery Operations</u>					
Input to crude oil distillation units *	12,280	12,611	12,425	-331	-145
Operable capacity	15,638	15,638	16,074	0	-436
Percent operated	78.5	80.6	77.3		
<u>Motor Gasoline</u>					
Total motor gasoline production	6,076	6,569	6,376	-493	-300
Finished leaded motor gasoline production	2,024	2,395	2,476	-371	-452
Finished unleaded motor gasoline production	4,052	4,174	3,900	-122	152
Total motor gasoline stocks	215,796	214,184	231,419	1,612	-15,623
Finished leaded motor gasoline stocks	72,118	72,375	83,015	-257	-10,897
Finished unleaded motor gasoline stocks	108,099	107,568	109,294	531	-1,195
<u>Distillate Fuel Oil</u>					
Distillate fuel oil production	3,026	3,008	2,739	18	287
Distillate fuel oil stocks	125,260	122,237	156,170	3,023	-30,910
<u>Residual Fuel Oil</u>					
Residual fuel oil production	928	897	1,010	31	-82
Residual fuel oil stocks	49,142	47,422	51,169	1,720	-2,027
<u>Imports</u>					
Crude oil imports	2,999	3,616	3,425	-617	-426
Product imports	1,635	1,774	1,755	-139	-120
<u>Crude Oil Stocks</u>					
Crude oil stocks	316,665	322,078	333,340	-5,413	-16,675

*Scheduled and unscheduled shutdowns caused a decrease of 134,000 bbl. per day in the Texas Gulf Coast District.

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6949.

NA-Not Available



STATISTICS DEPARTMENT

VOL. 66

For Week Ended

November 1, 1985

NO. 44

U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Oper- ated
East Coast	1,211x	1,102x	1,108x	1,484	74.7x
Appal. No. 1	113	105	105	114	92.1
DISTRICT 1 TOTAL	1,324x	1,207x	1,213x	1,598	75.9x
Appal. No. 2	68	66	66	66	100.0
Ind. Ill. Ky.	1,976	1,708	1,724	2,175	79.3
Minn. Wis. Dak.	325	317	317	301	105.3
Okl. Kans. Mo.	703	615x	617x	714	86.4x
DISTRICT 2 TOTAL	3,072	2,706x	2,724x	3,256	83.7x
Inland Texas	551	512	514	547	94.0
Texas Gulf Coast	3,160	2,758	2,831	3,706	76.4
La. Gulf Coast	2,106	2,019	2,031	2,617	77.6
N. La. and Ark.	184	174	174	256	68.0
New Mexico	80	65	66	68	97.1
DISTRICT 3 TOTAL	6,081	5,528	5,616	7,194	78.1
DISTRICT 4 TOTAL	474	450	454	575	79.0
DISTRICT 5 TOTAL	2,412	2,273	2,273	3,015	75.4
TOTAL U.S.	13,363	12,164	12,280	15,638	78.5
TOTAL U.S.					
Weeks Ended:					
OCT. 25, 1985	13,618x	12,494x	12,611x	15,638	80.6x
NOV. 2, 1984	13,068	12,305	12,425	16,074	77.3
DISTRICTS 1-4					
Weeks Ended:					
NOV. 01, 1985	10,951	9,891	10,007	12,623	79.3
OCT. 25, 1985	11,073x	10,157x	10,274x	12,623	81.4x
NOV. 2, 1984	10,645	9,989	10,109	12,920	78.2

API WEEKLY STATISTICAL BULLETIN

Week Ended November 1, 1985

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline ¹	Motor Gasoline		Jet Fuel		Distillate Fuel Oil ²	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	482	97	385	21	42	350	123
Appal No 1	28	13	15	--	--	31	1
DISTRICT 1 TOTAL	510	110	400	21	42	381	124
Appal No 2	37	13	24	2	1	18	2
Ind. Ill. Ky	987	336	651	16	165	399	79
Minn. Wis. Daks	146	67	79	4	13	80	7
Okl. Kans. Mo.	401	221	180	1	33	189	7
DISTRICT 2 TOTAL	1,571	637	934	23	212	686	95
Inland Texas	326	151	175	21	31	133	41
Texas Gulf Coast	1,474	446	1,028	41	254	719	142
La Gulf Coast	841	220	621	17	236	495	132
N La and Ark	55	19	36	7	--	55	12
New Mexico	42	20	22	9	2	14	--
DISTRICT 3 TOTAL	2,738	856	1,882	95	523	1,416	327
DISTRICT 4 TOTAL	258	121	137	10	35	118	9
DISTRICT 5 TOTAL	999	300	699	43	264	425	373
TOTAL U.S.	6,076	2,024	4,052	192	1,076	3,026	928
TOTAL U.S.							
Weeks Ended:							
OCT. 25, 1985	6,569	2,395	4,174	165	1,026	3,008	897
NOV. 2, 1984	6,376	2,476	3,900	200	994	2,739	1,010
DISTRICTS 1-4							
Weeks Ended:							
NOV. 01, 1985	5,077	1,724	3,353	149	812	2,601	555
OCT. 25, 1985	5,556	2,031	3,525	127	780	2,554	550
NOV. 2, 1984	5,284	2,022	3,262	156	743	2,309	650

¹Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.²Includes Grade No. 4 fuel oil.

NA-Not Available

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline ¹	Motor Gasoline			Jet Fuel		Distillate Fuel Oil ²	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	4,613	1,607	3,005	1	144	631	8,936	1,010	--
Central Atlantic	27,951x	8,007x	15,563x	4,381	457	5,336x	28,384x	18,643	12,442
Lower Atlantic	24,542x	8,919x	15,230x	393	273	4,156	14,242	4,478	462
DISTRICT 1 TOTAL	57,106x	18,533x	33,798x	4,775	874	10,123x	51,562x	24,131	12,904
DISTRICT 2 TOTAL	60,382	24,459	29,387	6,536	1,286	7,912	31,914x	2,979	17,603
DISTRICT 3 TOTAL	62,558	18,004	29,434	15,120	2,333	12,666	29,116	12,812	52,448
DISTRICT 4 TOTAL	6,141	2,662	1,905	1,574	357	702	2,725	515	2,417
DISTRICT 5 TOTAL	29,609	8,460	13,575	7,574	1,573	5,106	9,943	8,705	22,293
TOTAL U.S.	215,796	72,118	108,099	35,579	6,423	36,509	125,260	49,142	107,665
TOTAL U.S. Weeks Ended:									
OCT. 25, 1985	214,184x	72,375x	107,568x	34,241	6,504	36,064x	122,237x	47,422	108,201
NOV. 2, 1984	231,419	83,015	109,294	39,110	6,466	40,367	156,170	51,169	110,727
DISTRICTS 1-4 Weeks Ended:									
NOV. 01, 1985	186,187	63,658	94,524	28,005	4,850	31,403	115,317	40,437	85,372
OCT. 25, 1985	185,215x	63,523x	94,330x	27,362	4,755	30,988x	112,323x	39,622	85,512
NOV. 2, 1984	204,746	74,252	98,814	31,680	4,864	34,843	145,010	41,907	85,797

¹Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

²Includes Grade No. 4 fuel oil. *See Revisions on Page 7

NA-Not Available

WEEKLY STATISTICAL BULLETIN

Week Ended November 1, 1985

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE),
IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production ¹		Crude Oil Imports ¹		Crude Oil Stocks By Location ¹
	API Monthly	Latest Dept. of Energy June 1985	Total	From Canada	
Daily Average					
DISTRICTS 1-4 TOTAL					
NOV. 01, 1985	5,978.0	5,934.0	2,893	711	233,661
OCT. 25, 1985	5,978.0	--	3,423	636	239,597x
OCT. 18, 1985	5,978.0	--	3,480	394	241,201
OCT. 11, 1985	5,978.0	--	3,157	458	240,593
DISTRICT 5 TOTAL					
NOV. 01, 1985	3,008.4	3,041.0	106	2	83,004 ‡
OCT. 25, 1985	3,008.4	--	193	8	82,481
OCT. 18, 1985	3,008.4	--	50	--	79,036
OCT. 11, 1985	3,008.4	--	128	23	85,662
‡INCLUDES 27,540 BBLs. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.					
TOTAL U.S.					
NOV. 01, 1985	8,986.4	8,975.0	2,999	713	316,665 ‡
OCT. 25, 1985	8,986.4	--	3,616	644	322,078x
OCT. 18, 1985	8,986.4	--	3,530	394	320,237
OCT. 11, 1985	8,986.4	--	3,285	481	326,255
NOV. 2, 1984	8,906.0/a	--	3,425	306	333,340

/a - DOE actual for Oct. 1984

LOCATION OF CRUDE OIL STOCKS¹

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
NOV. 01, 1985	16,350	68,056	136,398	12,857	233,661	83,004 ‡	316,665 ‡
OCT. 25, 1985	16,406	67,834x	142,981x	12,376x	239,597x	82,481	322,078x
NOV. 2, 1984	15,851	76,448	159,313	13,810	265,422	67,918	333,340

¹See definitional notes Page 6

*See Revisions on Page 7

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline ¹	Motor Gasoline		Jet Fuel		Distillate Fuel Oil ²	Residual Fuel Oil	L.P.G.	Unfinished Oil ³	Other	Total
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type						
New England	33	16	17	--	--	31	76	9	--	--	149
Central Atlantic	179	2	177	--	10	150	358	9	48	96	850
Lower Atlantic	28	6	22	--	16	97	89	--	--	--	230
DISTRICT 1 TOTAL											
NOV. 01, 1985	240	24	216	--	26	278	523	18	48	96	1,229
OCT. 25, 1985	189	50	139	6	--	227	618	16	89	111	1,256
OCT. 18, 1985	119	36	83	61	4	180	424	13	65	136	1,002
OCT. 11, 1985	331	80	251	7	16	307	441	40	34	198	1,374
DISTRICTS 2-4 TOTAL											
NOV. 01, 1985	9	2	7	--	--	--	23	104	200	16	352
OCT. 25, 1985	23	8	15	--	--	--	10	142	172	94	441
OCT. 18, 1985	6	2	4	--	--	--	28	73	111	138	356
OCT. 11, 1985	42	18	24	--	--	--	60	53	151	140	446
DISTRICT 5 TOTAL											
NOV. 01, 1985	12	7	5	--	--	8	13	7	4	10	54
OCT. 25, 1985	22	14	8	--	8	9	15	8	2	13	77
OCT. 18, 1985	5	2	3	--	--	3	5	8	--	43	64
OCT. 11, 1985	71	13	58	--	6	12	12	5	--	29	135
TOTAL U.S.											
	261	33	228	--	26	286	559	129	252	122	1,635
TOTAL U.S. Weeks Ended:											
OCT. 25, 1985	234	72	162	6	8	236	643	166	263	218	1,774
OCT. 18, 1985	130	40	90	61	4	183	457	94	176	317	1,422
OCT. 11, 1985	444	111	333	7	22	319	513	98	185	367	1,955
NOV. 2, 1984	310	112	198	--	43	134	665	203	132	268	1,755

¹Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

²Includes Grade No. 4 fuel oil.

³See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.

Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.

Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.

The Total of crude oil imports includes receipts from Canada.

Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.

Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

API STATISTICAL BULLETIN
WEEK ENDED: NOV. 01, 1985

REVISIONS

10/18/85	PAGE 3	TOTAL MGAS	CENTRAL ATLANTIC	28,314
			LOWER ATLANTIC	25,369
			DISTRICT 1 TOTAL	58,660
			TOTAL U.S.	216,441
			DISTRICTS 1-4	187,228
		LEADED MGAS	CENTRAL ATLANTIC	8,605
			LOWER ATLANTIC	9,370
			DISTRICT 1 TOTAL	19,818
			TOTAL U.S.	73,366
			DISTRICTS 1-4	64,774
		UNLEADED MGAS	CENTRAL ATLANTIC	15,326
			DISTRICT 1 TOTAL	34,170
			TOTAL U.S.	107,215
			DISTRICTS 1-4	93,830
		KEROSINE JET	CENTRAL ATLANTIC	5,059
			DISTRICT 1 TOTAL	10,335
			TOTAL U.S.	36,379
			DISTRICTS 1-4	31,421
		DISTILLATE FUEL	CENTRAL ATLANTIC	26,478
			DISTRICT 1 TOTAL	46,669
			TOTAL U.S.	117,902
			DISTRICTS 1-4	108,024
10/25/85	PAGE 1	TOTAL REFINERY INPUT	EAST COAST	1,163
			DISTRICT 1 TOTAL	1,280
			TOTAL U.S.	13,618
			DISTRICTS 1-4	11,073
		CRUDE OIL RUNS	EAST COAST	1,076
			DISTRICT 1 TOTAL	1,185
			OKLA., KANS., MO.	648
			DISTRICT 2 TOTAL	2,755
			TOTAL U.S.	12,494
			DISTRICTS 1-4	10,157
		INPUT TO CRUDE OIL	EAST COAST	1,083
			DISTRICT 1 TOTAL	1,192
			OKLA., KANS., MO.	653
			DISTRICT 2 TOTAL	2,777
			TOTAL U.S.	12,611
			DISTRICTS 1-4	10,274
		% OPERABLE	EAST COAST	73.0
			DISTRICT 1 TOTAL	74.6
			OKLA., KANS., MO.	91.5
			DISTRICT 2 TOTAL	85.3
			TOTAL U.S.	80.6
			DISTRICTS 1-4	81.4
PAGE 3		TOTAL MGAS	CENTRAL ATLANTIC	28,813
			LOWER ATLANTIC	24,695

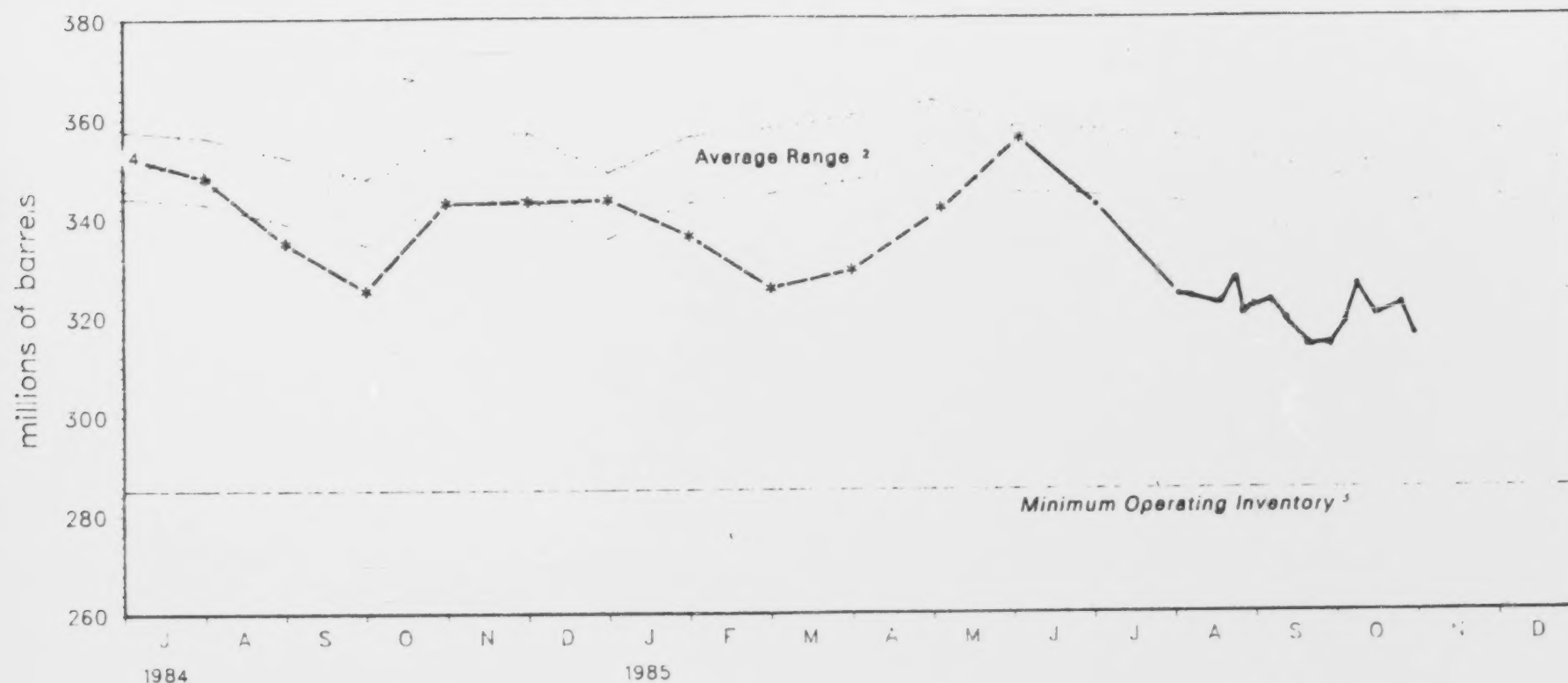
API STATISTICAL BULLETIN
WEEK ENDED: NOV. 01, 1985

REVISIONS

	DISTRICT 1 TOTAL	58,462
	TOTAL U.S.	214,184
	DISTRICTS 1-4	185,215
LEADED MGAS	CENTRAL ATLANTIC	8,505
	LOWER ATLANTIC	9,483
	DISTRICT 1 TOTAL	19,900
	TOTAL U.S.	72,375
	DISTRICTS 1-4	63,523
UNLEADED MGAS	CENTRAL ATLANTIC	16,033
	LOWER ATLANTIC	14,878
	DISTRICT 1 TOTAL	33,952
	TOTAL U.S.	107,568
	DISTRICTS 1-4	94,330
KEROSINE JET	CENTRAL ATLANTIC	5,109
	DISTRICT 1 TOTAL	9,963
	TOTAL U.S.	36,064
	DISTRICTS 1-4	30,988
DISTILLATE FUEL	CENTRAL ATLANTIC	26,971
	DISTRICT 1 TOTAL	48,609
	DISTRICT 2 TOTAL	31,537
	TOTAL U.S.	122,237
	DISTRICTS 1-4	112,323
PAGE 4 T CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	239,597
	TOTAL U.S.	322,078
PAGE 4 B TOTAL	PAD DISTRICT 2	67,834
	PAD DISTRICT 3	142,981
	PAD DISTRICT 4	12,376
	TOTAL PAD DISTRICTS 1-4	239,597
	TOTAL U.S.	322,078

Week Ended November 1, 1985

Crude Oil Stocks at Primary Level¹



¹ Crude Stocks at Primary Levels include those held at refineries, in transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

² Average level and width of average range, estimated by DOE, are based on three years of monthly data: Jan. 1982 - Dec. 1984. The seasonal pattern is based on seven years of monthly data: January 1977 - December 1983.

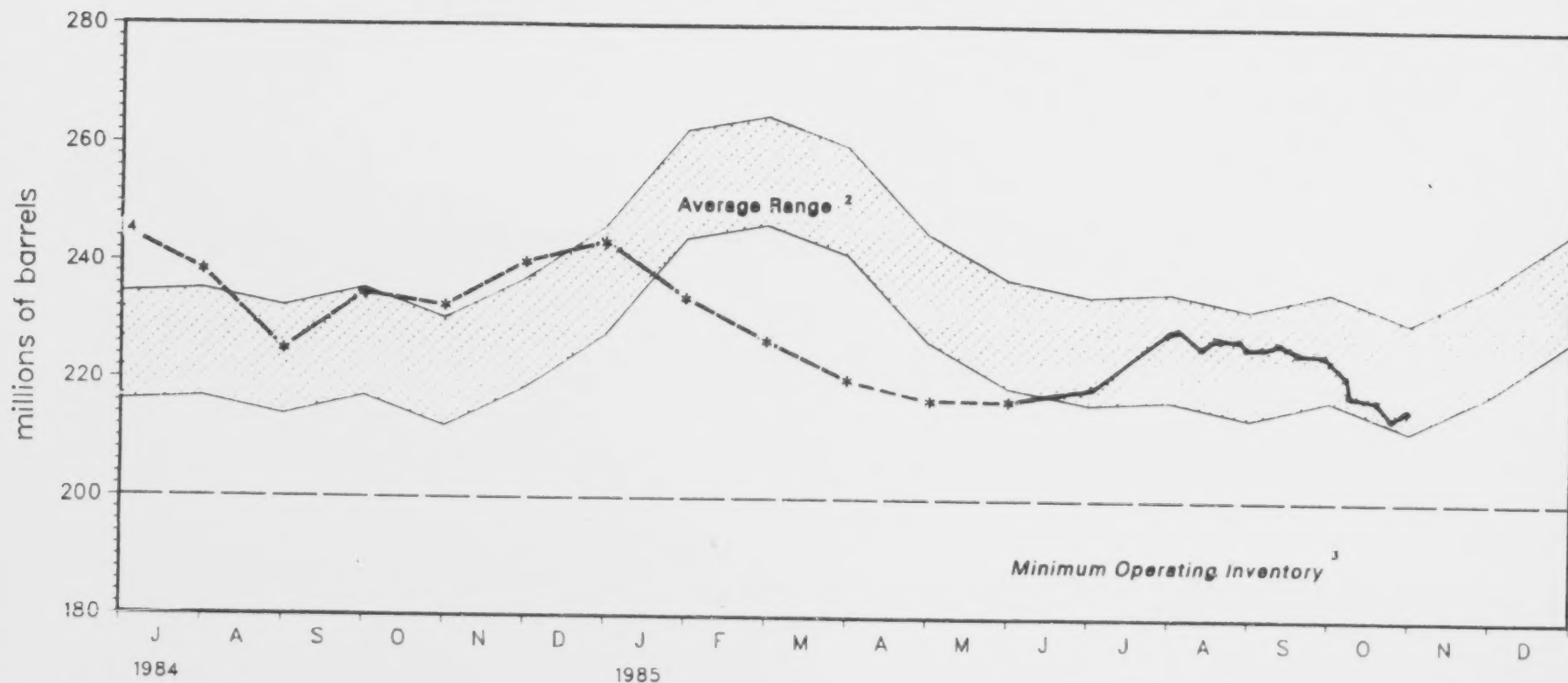
³ The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for crude oil at 285 million barrels.

⁴ Source: *—EIA, Energy Data Reports, Petroleum Statement, Monthly.
•—API, Weekly Statistical Bulletin.

⁵ The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.

Week Ended November 1, 1985

Motor Gasoline Stocks at Primary Level^{1 5}



¹ Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

² Average level and width of average range, estimated by DOE, are based on three years of monthly data: Jan. 1982 - Dec. 1984. The seasonal pattern is based on six years of monthly data: January 1978 - December 1983.

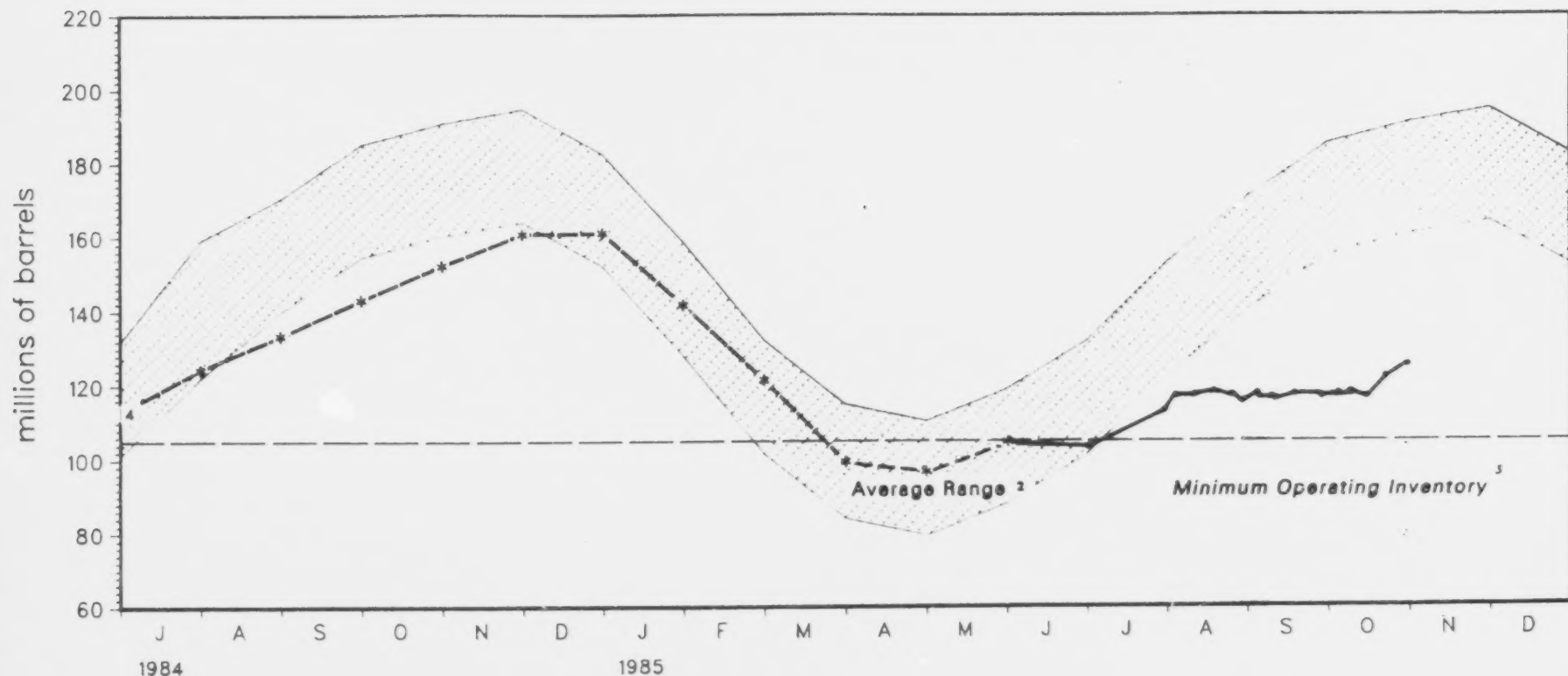
³ The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for motor gasoline at 200 million barrels.

⁴ Source: *—EIA, Energy Data Reports, Petroleum Statement, Monthly.
•—API, Weekly Statistical Bulletin.

⁵ The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.

Week Ended November 1, 1985

Distillate Fuel Oil Stocks at Primary Level¹



¹ Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

² Average level and width of average range, estimated by DOE, are based on three years of monthly data: Jan. 1982 - Dec. 1984. The seasonal pattern is based on seven years of monthly data: January 1977 - December 1983.

³ The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for distillate fuel oil at 105 million barrels.

⁴ Source: *—EIA, Energy Data Reports, Petroleum Statement, Monthly.
—API, Weekly Statistical Bulletin.

⁵ The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.